

Daily Report For 2016-05-23

Metal Bank

Sheetpile Repair
Cottman Avenue
Philadelphia, PA (US)
Report number: 3340011G-12
Date: May 23, 2016 01:15 PM

Status

05/23/2016 (Monday) - Day 9 of R6 stone installation in Zone 2; Day 4 of R6 stone installation in Zone 1; Day 10 of overall R6 stone installation. CEI conducted turbidity monitoring twice over the course of the day; once at approximately 0800, and again at approximately 1400. The crane was used to perform R6 stone placement in Zone 2, in the areas between Targets E and F. The long-reach excavator was used to perform R6 stone placement in Zone 1 between Targets G and H in the morning, moving to between Targets F and G in the afternoon. The production rate for the crane continues to increase as the operator becomes more comfortable with operating the grapple attachment. Currently, material placement using the grapple attachment on the crane is estimated to be proceeding three times as fast compared to production with the clamshell attachment used previously. Weber was on-site to complete the first of two weekly monitoring events of Targets A through H along the bulkhead. No issues were observed.

Details of Construction Activities

0630 to 0700 - Ramboll Environ (Eric Emery) and CEI on-site. Subcontractors for crane operation (Thackray) and surveyor (Weber) also on-site.

0700 - CEI performed health and safety meeting.

0715 to 1040 - Surveyor taking readings of bulkhead Targets A through H.

0730 to 0830 - CEI mobilized boat to the City boat launch area, began turbidity monitoring, and adjusted turbidity boom in Zone 2. Turbidity readings did not exceed the performance criteria.

0730 to 0845 - CEI reshaped material stockpiles following morning R6 stone deliveries.

0900 to 1500 - CEI performed stone placement in Zone 2 with the crane, in the area between Target E and Target F. CEI spotter assisted crane operator during stone placement throughout the day.

- CEI simultaneously placed stone in Zone 1 with the long-reach excavator, in the area between Target G and Target H. The long reach excavator placed stone from the heights specified in the contract documents as much as practical. In certain areas where the reach was insufficient, stone placement was performed at a height of approximately 5.5 feet below the top of the sheetpile wall. A CEI spotter assisted the excavator operator during stone placement throughout the day.

1135 - CDM Smith (b) (4) on-site.

1400 to 1500 - CEI mobilized to the City boat launch area, began turbidity monitoring, and adjusted turbidity boom in Zone 2. Turbidity readings did not exceed the performance criteria.

1430 - (b) (4) of CDM Smith off-site.

1530 - CEI and Ramboll Environ off-site.

The Week Ahead

Tuesday 5/24

R6 stone placement

Wednesday 5/25

R6 stone placement

Thursday 5/26

R6 stone placement wrapping up in Zone 1 and 2

Remove turbidity boom and setup in Zone 3

Start construction on waler repair work platform

Friday 5/27

Setup turbidity boom in Zone 3

Mobilize crane to Zone 3

Start R6 stone placement in Zone 3

Complete construction on waler repair work platform

Monday 5/30

Memorial Day - no work scheduled

Tuesday 5/31

R6 stone placement in Zone 3

Start of waler repair work

The following activities will also take place this week, although the exact dates are currently unknown:

- Waler delivery
- Surveyor on-site for one additional day (was on-site Monday 5/23).

Contacts and people present

Role and company name	Name	Contact information	Present	Sent
Oversight [Ramboll]	Eric Emery	609-961-1363 eemery@ramboll.com	✓	✓
Oversight [Ramboll]	Joe Vitale	jvitale@ramboll.com	✗	✓
Oversight [Ramboll]	June Yeung	609-977-5899 jyeung@ramboll.com	✗	✓
CEI Project Superintendent [Creamer Environmental, Inc.]	John Castellani	201-522-5089 jcastellani@creamerenvironmental.com	✓	✓
CEI Project Manager [Creamer Environmental, Inc.]	Gary Kowalski	201-376-7153 gkowalski@creamerenvironmental.com	✗	✓
Laborer [Creamer Environmental, Inc.]	Laborer 1		✓	
Laborer [Creamer Environmental, Inc.]	Laborer 2		✓	
Laborer [Creamer Environmental, Inc.]	Laborer 3		✓	
Laborer [Creamer Environmental, Inc.]	Laborer 4		✗	

Ramboll Project Manager [Ramboll]	Nicholas Steenhaut	617-946-6109 nsteenhaut@ramboll.com	✗	✓
EPA Oversight [CDM Smith]	(b) (4)	(b) (4)	✓	✓
EPA Oversight [USACE]	David Depolo	David.S.Depolo@usace.army.mil	✗	
EPA Oversight [CDM Smith]	(b) (4)	(b) (4)	✗	✓
EPA Oversight [USACE]	Travis Fatzinger	Travis.T.Fatzinger@usace.army.mil	✗	
EPA Oversight [USEPA]	William Geiger	Geiger.William@epa.gov	✗	✓
Design Engineer [RAC]	Joe Caciola	joe@racllc.com	✗	✓
Design Engineer [RAC]	Walter Papp	walter@racllc.com	✗	✓
Operator [Creamer Environmental, Inc.]	Operator 1		✓	
Operator [Thackray Crane Rental, Inc.]	Operator 2		✓	
Oiler 1 [Thackray Crane Rental, Inc.]	Oiler 1		✓	

Visitors

Weber Surveying
Hauling trucks for R6 stone

Equipment On-Site




CASE CX250C Long Reach Excavator
CASE 821F Loader
CAROLINA SKIFF 19DLX Boat
American 9310 Lattice Boom Crane (equipped with grappler; clamshell bucket removed but still on-site)

Material Tracking

Thirteen (13) loads of R6 stone, totaling 277.54 tons, were imported. Approximately 380 tons were placed today, with 240 tons in Zone 2 and 140 tons in Zone 1.

A total of 2166.06 tons of R6 stone has been delivered to date. Approximately 1520 tons have been placed to date.

Observations

Remark	Description	Assignee(s):
Rip-Rap		
<p>✓ <u>R6 stone placement</u> <u>[3.1]</u> May 23, 2016</p>	<p>(see pics below)</p> <div>   </div> <p>R6 stone placement in Zones 1 and 2 (facing E)</p>	
<p>✗ <u>R6 stone stockpile extends beyond crushed stone pad</u> <u>[7.1]</u> May 18, 2016</p>	<p>CEI continued to address some of this concern today.</p> <div>  </div> <p>Stockpiled R6 stone on crushed stone pad in Zone 2 (facing South).</p>	<p>John Castellani</p>
General / Other		

<p>✖ Diesel oil spilled onto asphalt pavement in staging area [4.1]</p> <p>May 11, 2016</p>	<p>Affected area cleaned up based on visual observations. Cleanup materials awaiting disposal. Waste Management has been identified as the company that will pick up and dispose of the materials.</p>	<p>John Castellani</p>
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Testing and Monitoring

CEI provided today's turbidity monitoring data. These data indicate that there were no exceedances of the performance criteria. Last week's survey data has also been provided - no significant wall movement indicated.

Documents

Description	Status	Date	Responsible
Baseline Bathymetric Survey	Received	05/09/2016	John Castellani
Baseline Wall Survey	Received	05/09/2016	John Castellani
Turbidity Monitoring 05/10/2016	Received	05/10/2016	John Castellani
Stone Delivery Tickets 05/09/2016	Received	05/09/2016	John Castellani
Turbidity Monitoring 05/11/2016	Received	05/11/2016	John Castellani
Stone Delivery Tickets 05/11/2016	Received	05/11/2016	John Castellani
Stone Delivery Tickets 05/10/2016 (Revised)	Received	05/10/2016	John Castellani
Stone Delivery Tickets 05/12/2016	Received	05/12/2016	John Castellani
Turbidity Monitoring 05/12/2016	Received	05/12/2016	John Castellani
Turbidity Monitoring 05/13/2016	Received	05/13/2016	John Castellani
Turbidity Monitoring 05/16/2016	Received	05/16/2016	John Castellani
Stone Delivery Tickets 05/16/2016	Received	05/16/2016	John Castellani
Stone Delivery Tickets 05/13/2016	Received	05/13/2016	John Castellani
Wall and Rip Rap Survey 5/16/16	Received	05/16/2016	John Castellani
Turbidity Monitoring 05/17/2016	Received	05/17/2016	John Castellani
Turbidity Monitoring 05/18/2016	Received	05/18/2016	John Castellani
Stone Delivery Tickets 05/19/2016	Received	05/19/2016	John Castellani

Turbidity Monitoring 05/19/2016	Received	05/19/2016	John Castellani
Turbidity Monitoring 5/20/2016	Received	05/20/2016	John Castellani
Stone Delivery Tickets 5/20/2016	Received	05/20/2016	John Castellani
Sheetpile and Rip Rap Survey 5/19/2016	Received	05/19/2016	John Castellani
Stone Delivery Tickets 05/23/2016	Received	05/23/2016	John Castellani
Turbidity Monitoring 05/23/2016	Received	05/23/2016	John Castellani
Sheetpile and Rip Rap Survey 5/23/2016	Not yet received	05/23/2016	John Castellani

General conditions

Disclaimer: Information contained in this Field Observation Report has been prepared to the best of our knowledge according to observable conditions at the site.